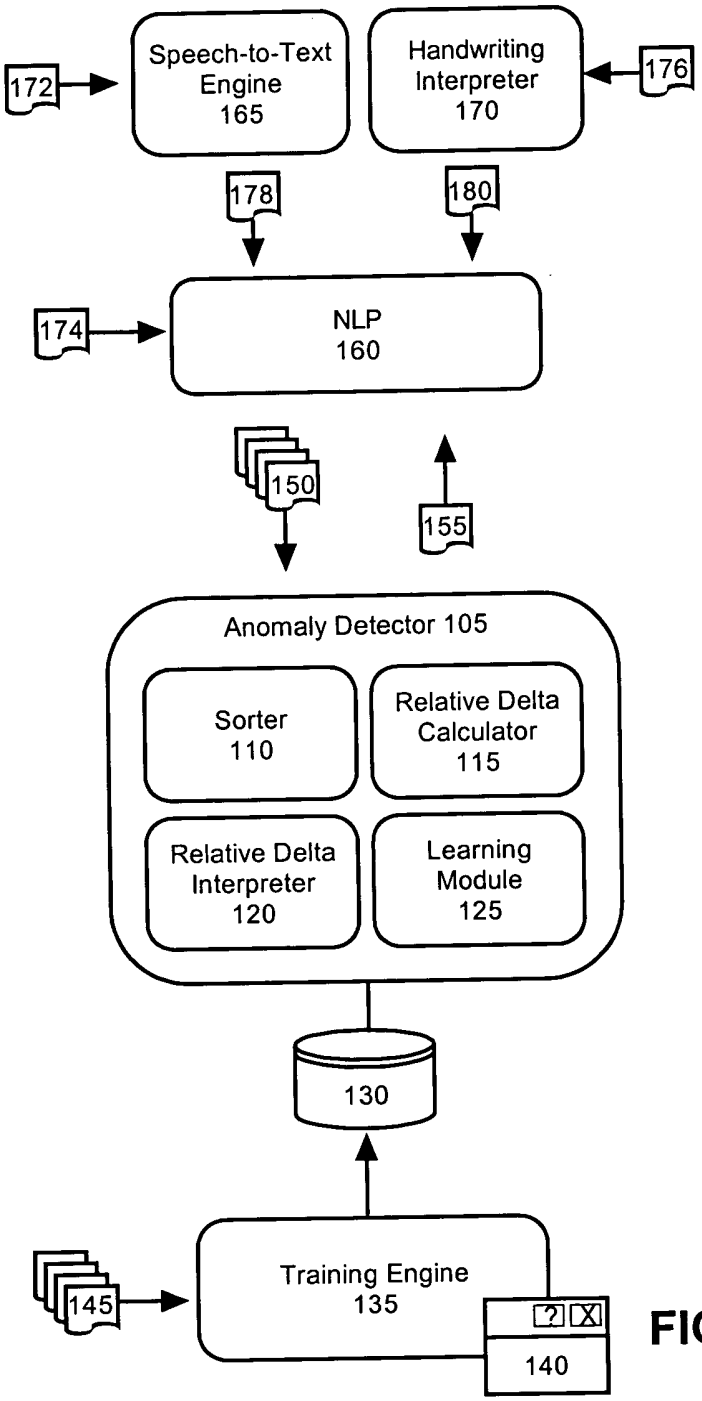
100
Speech-to-Text Engine 165
Handwriting Interpreter 170
172
176
178
180
NLP 160
174
150
155
Anomaly Detector 105
Sorter 110
Relative Delta Calculator 115
Relative Delta Interpreter 120
Learning Module 125
130
Training Engine 135
145
140

FIG. 1

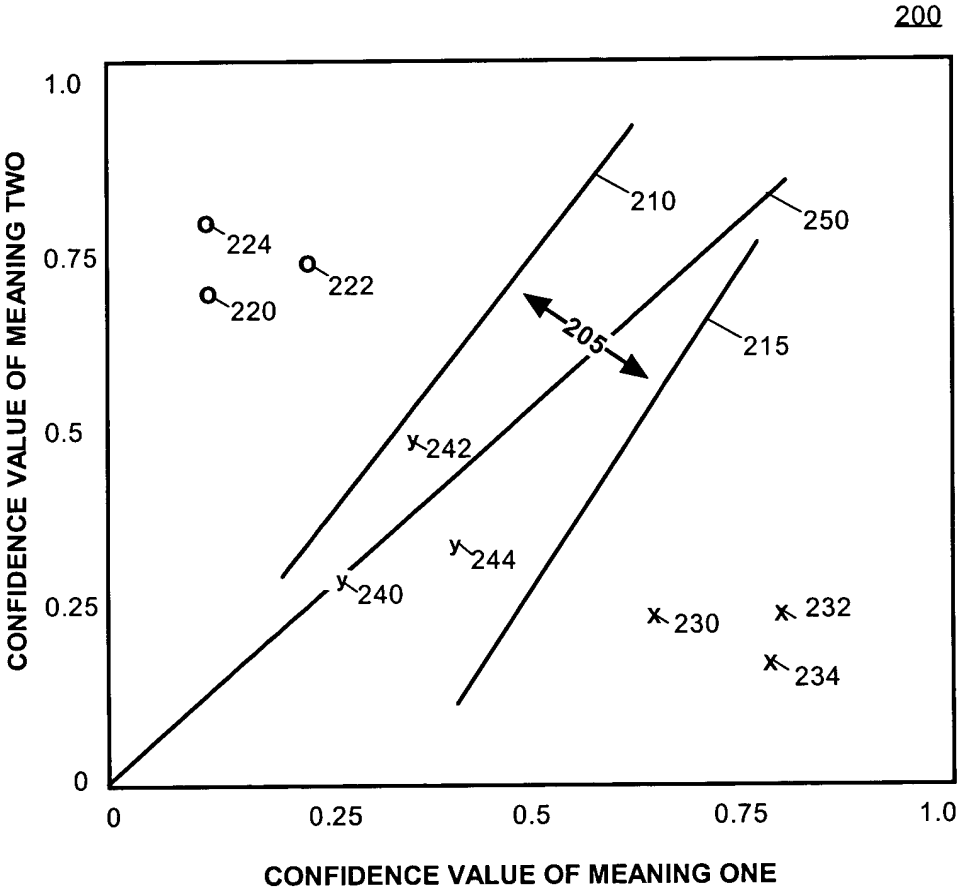
200
1.0
0.75
0.5
0.25
0
0
0.25
0.5
0.75
1.0
CONFIDENCE VALUE OF MEANING TWO
CONFIDENCE VALUE OF MEANING ONE
210
250
215
205
224
222
220
242
244
240
230
232
234

FIG. 2

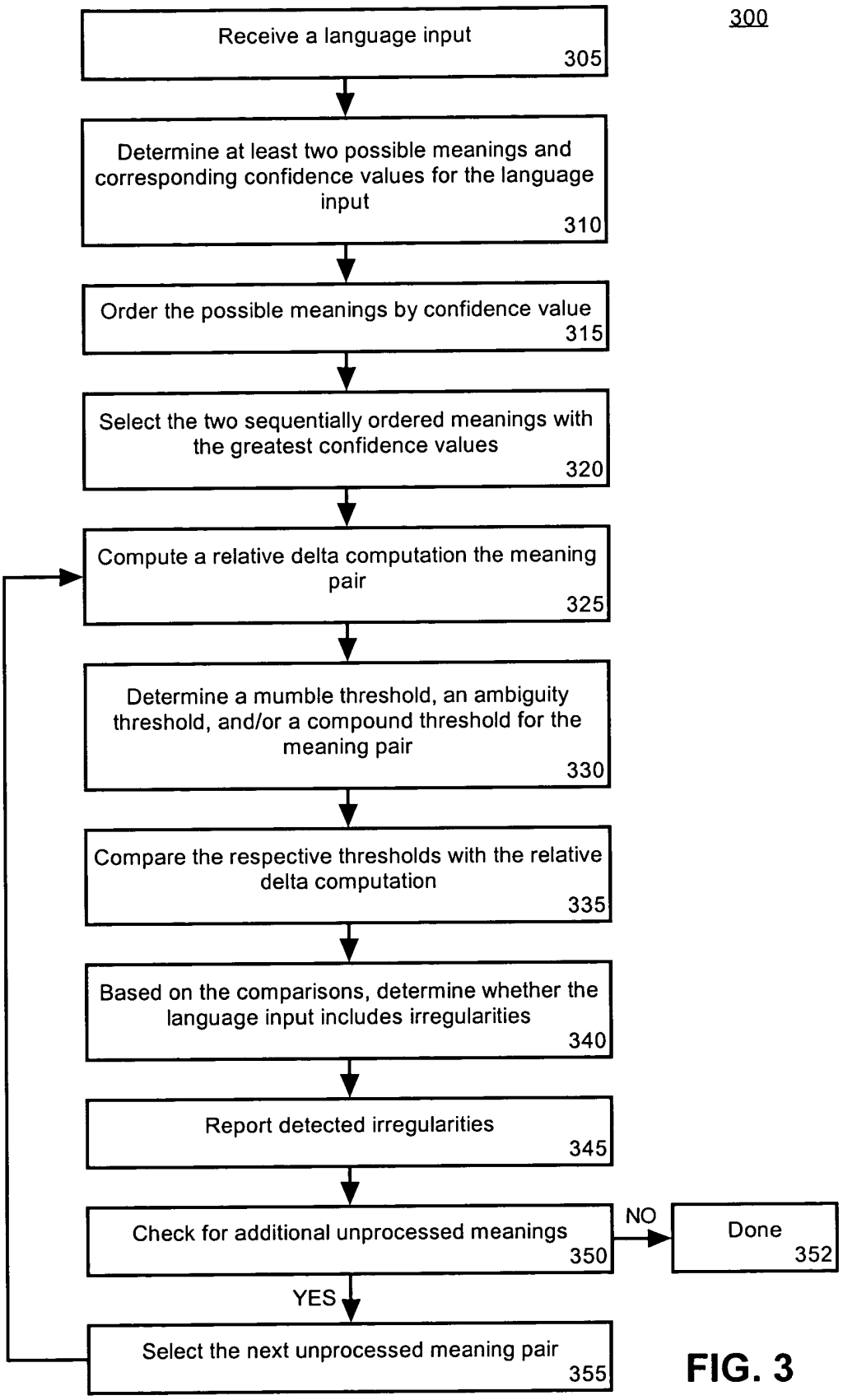
300
Receive a language input
305
Determine at least two possible meanings and corresponding confidence values for the language input
310
Order the possible meanings by confidence value
315
Select the two sequentially ordered meanings with the greatest confidence values
320
Compute a relative delta computation the meaning pair
325
Determine a mumble threshold, an ambiguity threshold, and/or a compound threshold for the meaning pair
330
Compare the respective thresholds with the relative delta computation
335
Based on the comparisons, determine whether the language input includes irregularities
340
Report detected irregularities
345
Check for additional unprocessed meanings
350
NO
Done
352
YES
Select the next unprocessed meaning pair
355

FIG. 3